

WHAT IS CLAIMED AS THE INVENTION IS:

1. A dispenser for delivering product such as cards, paper stock or the like product to a demand location comprising:
 - 5 a product hopper for a plurality of product;
 - a feed belt for receiving the product;
 - at least two feed assemblies; and
 - a drive motor operably attached to the feed belt and each feed assembly.
- 10 2. A dispenser as claimed in claim 1 wherein there is a first, second and third feed assembly, each assembly having a drive shaft and an idler shaft and wherein the first feed assembly idler shaft and the second feed assembly drive shaft is a common shaft and the second feed assembly idler shaft and the third feed assembly drive shaft is a common shaft and whereas the product moves from the first feed assembly to the
15 second feed assembly to the third feed assembly.
3. A dispenser as claimed in claim 2 wherein the product hopper is at an angle to the horizontal and the feed belt is at the same angle.
- 20 4. A dispenser as claimed in claim 3 wherein the first feed assembly is at the same angle as the feed belt.

5. A dispenser as claimed in claim 4 wherein the second feed assembly is at a lesser angle to the horizontal.
6. A dispenser as claimed in claim 5 wherein the third feed assembly is generally horizontal.
7. A dispenser as claimed in claim 6 wherein the speed of the third feed assembly is faster than the speed of the second feed assembly.
8. A dispenser as claimed in claim 7 wherein the speed of the first and second feed assembly is generally the same.
9. A dispenser as claimed in claim 8 wherein each feed assembly includes an upper drive belt and a lower drive belt.
10. A dispenser as claimed in claim 2 wherein the drive motor directly drives third feed assembly drive shaft.
11. A dispenser as claimed in claim 10 wherein the speed of the third feed assembly is faster than the speed of the second feed assembly.
12. A dispenser as claimed in claim 11 wherein the speed of the first and second feed

assembly is generally the same.

13. A dispenser as claimed in claim 12 wherein the common drive shaft of the second and third feed assemblies is operably connected to the drive motor through a plurality
5 of gears.

14. A dispenser as claimed in claim 13 wherein one of the pluralities of gears is interchangeable and wherein changing the gear size changes the relative speed between speed of the third feed assembly and speed of the second and third feed
10 assemblies.

15. A dispenser as claimed in claim 14 wherein the product hopper is at an angle to the horizontal and the feed belt is at the same angle.

15 16. A dispenser as claimed in claim 15 wherein the first feed assembly is at the same angle as the feed belt.

17. A dispenser as claimed in claim 16 wherein the second feed assembly is at a lesser angle to the horizontal.

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18. A dispenser as claimed in claim 17 wherein the third feed assembly is generally horizontal.

19. A dispenser as claimed in claim 18 wherein the speed of the third feed assembly is faster than the speed of the second feed assembly.
20. A dispenser as claimed in claim 19 wherein the speed of the first and second feed
5 assembly is generally the same.
21. A dispenser as claimed in claim 20 wherein each feed assembly includes an upper drive belt and a lower drive belt.
- 10 22. A dispenser as claimed in claim 1 wherein the drive motor is directly drives the downstream most feed assembly and the speed of the downstream most drive assembly is faster than the up stream drive assemblies.
23. A dispenser as claimed in claim 22 wherein the speed of the downstream most
15 feed assembly is faster than the speed of the adjacent upstream feed assembly.
24. A dispenser as claimed in claim 23 wherein the product hopper is at an angle to the horizontal and the feed belt is at the same angle.
- 20 25. A dispenser as claimed in claim 24 wherein the feed assembly adjacent to the feed belt is at the same angle as the feed belt.

26. A dispenser as claimed in claim 25 wherein the downstream most feed assembly is generally horizontal.
27. A dispenser as claimed in claim 26 wherein the speed of the downstream most feed assembly is faster than the speed of the upstream feed assembly.
28. A dispenser as claimed in claim 27 wherein each feed assembly includes an upper drive belt and a lower drive belt.
29. A dispenser as claimed in claim 23 wherein the upstream feed assembly is operably connected to the drive motor through a plurality of gears.
30. A dispenser as claimed in claim 29 wherein one of the pluralities of gears is interchangeable and wherein changing the gear size changes the relative speed between speed of the downstream feed assembly and upstream feed assembly.